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Summer 6-1-2007

### IS 341.01: Operations Management

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**IS 341**  
**Operations Management (3 Credits)**  
**Syllabus: Summer 2007**  
**Part 1**

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**The Course:** IS 341 integrates the concepts of operations management and management science. The business enterprise makes goods and/or services in a competitive environment, and this course explores the ways in which the business processes can be made more efficient.

**Objectives:** By the end of the course, students should be able to:

- Understand the role of operations management in the strategic thrust of the enterprise;
- Apply total quality management principles;
- Prepare control charts and process capability studies;
- Identify the firm's supply chain
- Plan inventory control systems;
- Implement just-in-time systems.

**Text:** *Operations Management*, custom text by Stevenson.

**Evaluation:** The student's grade is the average of two exams. Make-up exams will be given for students who can document illness or extenuating circumstances. Please notify the instructor immediately if you must miss an exam.

Date	Topic	Chapter Number
5/21	Competitive Advantage	2
5/22	Quality Management	9
5/23	Quality Control	10
5/24	Quality Control	10
5/28	Memorial Day ( <b>Holiday</b> )	
5/29	<b>Exam</b> ; Inventory Management	11
5/30	Inventory Management	11
5/31	JIT and Lean Operations	14
6/4	Supply Chain Management	16
6/5	Supply Chain Management	16
6/6	<b>Exam</b>	

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**University Student Conduct Code:** All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code. The Code is available for review online at <http://www.umt.edu/SA/VPSA/index.cfm/page/1321>